

# Postdoctoral Scholar Tufts University

Direct Link: <a href="https://www.AcademicKeys.com/r?job=261344">https://www.AcademicKeys.com/r?job=261344</a>
Downloaded On: Oct. 20, 2025 9:27pm
Posted Aug. 19, 2025, set to expire Jan. 1, 2026

Job Title Postdoctoral Scholar

**Department** Department of Neuroscience

**Institution** Tufts University

Medford, Massachusetts

Date Posted Aug. 19, 2025

Application Deadline Open until filled

**Position Start Date** Available immediately

Job Categories Post-Doc

Academic Field(s) Biology - Neuroscience/Neurobiology

Biology - Molecular Biology - General

Job Website https://jobs.tufts.edu/jobs/22225?lang=en-

us&iis=Job+Board&iisn=AcademicKeys

**Apply By Email** 

**Job Description** 

### Overview

The Department of Neuroscience is a basic research department focusing on synaptic biology and glia biology. The lab of Dr. Dulla investigates how synapses are formed and remodeled in the developing nervous system with a broad focus on neurological disease and epilepsy. We address this question in mouse models and apply electrophysiological and imaging approaches, together with mouse behavioral and in vivo electrophysiological studies.



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#### What You'll Do

Project Summary: Tuberculosis (TB) of the brain, or CNS-TB, is the most severe form of TB and is often fatal. We aim to understand how the bacteria that cause TB affect brain cells and immune responses. Using cutting-edge single cell RNA sequencing, we study human and mouse brain tissues to identify how the disease starts, progresses, and leads to different outcomes. We aim to discover new treatment strategies and build research capacity in Africa through training and collaboration.

We seek a postdoctoral researcher with experience in bioinformatics and single-cell data analysis. Job responsibilities include data analysis and visualization, molecular biology, mouse work, and more:

- Data Analysis and visualization
- Molecular biology
- Mouse husbandry

# What We're Looking For

## Basic Requirements:

- Knowledge and skills as typically acquired through a doctorate in a field related to neuroscience
- One to three years of postdoctoral experience is preferred
- A record of published scientific research, complex data analysis skills, advanced methodological skills, scientific writing, and scientific presentations are ideal

### **Preferred Qualifications:**

- Knowledge of neuroscience
- Experience with handling rodents
- Previous laboratory experience and familiarity with basic laboratory techniques and procedures
- Experience with confocal microscopy

## Pay Range

Minimum \$65,000.00, Midpoint \$65,000.00, Maximum \$65,000.00



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Salary is based on related experience, expertise, and internal equity; generally, new hires can expect pay between the minimum and midpoint of the range.

#### **Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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